

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2157	713/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 10:50
L2	445	713/194.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 10:50
L3	191	380/252.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 10:50
L4	60	380/253.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 10:55
L5	37	380/254.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 10:50
L6	253	380/268.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 10:56
L7	1369	382/190.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 10:56
L8	260	382/191.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 10:56
L9	5	"6175627".pn. or "6145081".pn. or "5940135".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 11:00

## EAST Search History

L10	504	(watermark near5 detect\$3) same correlation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 11:31
L11	22	I10 same (extract\$3 near5 frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 11:20
L12	138	(I1 or I2 or I6 or I7 or I8) and I10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 11:20
L13	18	I12 and (extract\$3 near5 frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 11:33
L14	220	(watermark near5 detect\$3) and ((auto or automat\$2 or cross) adj5 correlat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 11:33
L15	19	I14 and (extract\$3 near5 feature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 11:35
L16	45	I14 and (extract\$3 near5 component)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/01 11:35

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**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

**1. Watermark detection algorithm using statistical decision theory**

Seong-Geun Kwon; Suk-Hwan Lee; Kee-Koo Kwon; Ki-Ryong Kwon; Kuhn-II Lee;  
Multimedia and Expo, 2002. ICME '02. Proceedings. 2002 IEEE International Conference on  
Volume 1, 26-29 Aug. 2002 Page(s):561 - 564 vol.1

IEEE CNF

**2. DCT-domain watermarking techniques for still images: detector performance analysis and a new structure**

Hernandez, J.R.; Amado, M.; Perez-Gonzalez, F.;  
Image Processing, IEEE Transactions on  
Volume 9, Issue 1, Jan. 2000 Page(s):55 - 68

IEEE JNL

**3. A new decoder for the optimum recovery of nonadditive watermarks**

Barni, M.; Bartolini, F.; De Rosa, A.; Piva, A.;  
Image Processing, IEEE Transactions on  
Volume 10, Issue 5, May 2001 Page(s):755 - 766

IEEE JNL

**4. Video watermarking combining with hybrid coding scheme**

Jianxun Liang; Bo Hu;  
Signal Processing, 2002 6th International Conference on  
Volume 2, 26-30 Aug. 2002 Page(s):1588 - 1591 vol.2

IEEE CNF

**5. Detection-theoretic analysis of desynchronization attacks in watermarking**

Moulin, P.; Briassoulis, A.; Malvar, H.;  
Digital Signal Processing, 2002. DSP 2002. 2002 14th International Conference on  
Volume 1, 2002 Page(s):77 - 84 vol.1

IEEE CNF

**6. Statistical analysis of Markov chaotic sequences for watermarking applications**

Tefas, A.; Nikolaidis, A.; Nikolaidis, N.; Solachidis, V.; Tsekeridou, S.; Pitas, I.;  
Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Symposium on  
Volume 2, 6-9 May 2001 Page(s):57 - 60 vol. 2

IEEE CNF

**7. A wavelet based adaptive watermarking algorithm**

Shao Ya-fei; Wu Guo-wei; Lin Xing-gang;  
Info-tech and Info-net, 2001. Proceedings. ICII 2001 - Beijing. 2001 International Conferences on  
Volume 3, 29 Oct.-1 Nov. 2001 Page(s):384 - 389 vol.3

IEEE CNF

**8. Analysis of watermark detection using SPOMF**

Kalker, T.; Janssen, A.J.E.M.;  
Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conference on  
Volume 1, 1999 Page(s):316 - 319 vol.1

IEEE CNF

**9. A new wavelet-based scheme for watermarking images**

Dugad, R.; Ratakonda, K.; Ahuja, N.;  
Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference on  
Volume 2, 4-7 Oct. 1998 Page(s):419 - 423 vol.2

IEEE CNF

**10. Improved watermark detection reliability using filtering before correlation**

Depovere, G.; Kalker, T.; Linnartz, J.-P.;  
Image Processing, 1998. ICIP '98. Proceedings. 1998 International Conference on  
Volume 1, 4-7 Oct. 1998 Page(s):430 - 434 vol.1

IEEE CNF

**11. A performance analysis of spread-spectrum watermarking based on redundant transforms**

Li Hua; Fowler, J.E.;  
Multimedia and Expo, 2002. ICME '02. Proceedings. 2002 IEEE International Conference on  
Volume 2, 26-29 Aug. 2002 Page(s):553 - 556 vol.2

IEEE CNF

**12. Effect of JPEG compression on image watermark detection**

Minghui Xia; Bede Liu;  
Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01). 2001 IEEE International Conference  
Volume 3, 7-11 May 2001 Page(s):1981 - 1984 vol.3

IEEE CNF

**13. Image watermarking with better resilience**

Venkatesan, R.; Jakubowski, M.H.;  
Image Processing, 2000. Proceedings. 2000 International Conference on  
Volume 1, 10-13 Sept. 2000 Page(s):403 - 406 vol.1

IEEE CNF

**14. An image watermarking method based on the wavelet transform**

Inoue, H.; Miyazaki, A.; Katsura, T.;  
Image Processing, 1999. ICIP '99. Proceedings. 1999 International Conference on  
Volume 1, 1999 Page(s):296 - 300 vol.1

IEEE CNF

**15. Circularly symmetric watermark embedding in 2-D DFT domain**

Solachidis, V.; Pitas, L.;  
Image Processing, IEEE Transactions on  
Volume 10, Issue 11, Nov. 2001 Page(s):1741 - 1753

IEEE JNL

**16. Multichannel watermarking of color images**

Barni, M.; Bartolini, F.; Piva, A.;  
Circuits and Systems for Video Technology, IEEE Transactions on  
Volume 12, Issue 3, March 2002 Page(s):142 - 156

IEEE JNL

**17. Fuzzy-ART based digital watermarking scheme**

Chip-Hong Chang; Zhi Ye; Mingyan Zhang;  
Circuits and Systems, 2002. APCCAS '02. 2002 Asia-Pacific Conference on  
Volume 1, 28-31 Oct. 2002 Page(s):423 - 426 vol.1

IEEE CNF

**18. A robust Type-III data hiding technique against cropping and resizing attacks**

Sencar, H.T.; Ramkumar, M.; Akansu, A.N.;  
Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on  
Volume 2, 26-29 May 2002 Page(s):II-444 - II-447 vol.2

IEEE CNF

**19. A watermarking scheme for digital cinema**

Haitsma, J.; Kalker, T.;  
Image Processing, 2001. Proceedings. 2001 International Conference on  
Volume 2, 7-10 Oct. 2001 Page(s):487 - 489 vol.2

IEEE CNF

**20. Audio watermarking using m-sequences and temporal masking**

Cvejic, N.; Keskinarkaus, A.; Seppanen, T.;

Applications of Signal Processing to Audio and Acoustics, 2001 IEEE Workshop on the  
21-24 Oct. 2001 Page(s):227 - 230

IEEE CNF

**21. Digital audio watermarking in the cepstrum domain**

Sang-Kwang Lee; Yo-Sung Ho;

Consumer Electronics, 2000. ICCE. 2000 Digest of Technical Papers. International Conference on  
13-15 June 2000 Page(s):334 - 335

IEEE CNF

**22. Key independent watermark detection**

Van Schyndel, R.G.; Tirkel, A.Z.; Svalbe, I.D.;

Multimedia Computing and Systems, 1999. IEEE International Conference on  
Volume 1, 7-11 June 1999 Page(s):580 - 585 vol.1

IEEE CNF

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"watermark detection" "auto correlation" "cros  Advanced Search Preferences

## Web Results 1 - 7 of about 10 for "watermark detection" "auto correlation" "cross correlation" "frequency

Did you mean: "watermark detection" "**autocorrelation**" "cross correlation" "frequency component"

[EP1385123 Tokyo european software patent - Mehtod and apparatus ...](#)

[0001] The present invention relates to a digital **watermark detection** method ... The **auto-correlation** function is input to a specific **frequency component** ...  
gauss.ffii.org/PatentView/EP1385123 - 72k - Cached - Similar pages

[\[PS\] Chapter 3 Using PN Sequences for Linear Watermarking](#)

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the idea and refers to the public **watermark detection** idea as ... **auto-correlation**, **cross-correlation** with other 'family' members, and linear span. A brief ...  
goanna.cs.rmit.edu.au/~ronvs/papers/PhD/ch3.ps.gz - Similar pages

[Digital watermark detection method and apparatus - Patent 20040136531](#)

A watermark information estimation unit filters the **cross-correlation** value to ... The **auto-correlation** function is input to a specific **frequency component** ...  
www.freepatentsonline.com/20040136531.html - 65k - Cached - Similar pages

[Mehtod and apparatus for the detection of a digital watermark ...](#)

The digital **watermark detection** apparatus according to claim 4, ... The **auto-correlation** function is input to a specific **frequency component** extraction unit ...  
www.freepatentsonline.com/EP1385123.html - 65k - Cached - Similar pages  
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[Digital watermark detection method and apparatus patent invention](#)

A digital **watermark detection** apparatus to detect watermark information ... a specific **frequency component** signal from the size-reduced image signal; ...  
www.freshpatents.com/Digital-watermark-detection-method-and-apparatus-dt20050310ptan20050053259.php?type=... - 27k - Supplemental Result -  
Cached - Similar pages

[Digital watermark detection method and apparatus patent invention](#)

To avoid this, in the eighth embodiment, the **frequency component** extracted by the digital **watermark detection** apparatus is changed in accordance with the ...  
www.freshpatents.com/Digital-watermark-detection-method-and-apparatus-dt20050310ptan20050053259.php?type=... - 75k - Supplemental Result -  
Cached - Similar pages  
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[esp@cenet description view](#)

[0001] The present invention relates to a digital **watermark detection** method and ... The phase of the specific **frequency component** signal is controlled, ...  
v3.espacenet.com/textdes?IDX=EP1385123&QPN=EP1385123 - 65k - Supplemental Result - Cached - Similar pages

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"watermark detection" "autocorrelation" "cross

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## Web Results 1 - 10 of about 19 for "watermark detection" "autocorrelation" "cross correlation" "frequency component"

[Digital watermark embedding method and apparatus, and digital watermark ...](#)

22 is a graph showing the **cross-correlation** values and **watermark detection** operation in the digital **watermark detection** apparatus shown in FIG. ...

[www.freepatentsonline.com/6741723.html](http://www.freepatentsonline.com/6741723.html) - 89k - [Cached](#) - [Similar pages](#)

[Digital watermark embedding apparatus and digital watermark ...](#)

A digital **watermark detection** apparatus to detect watermark information from ... such as a **cross-correlation**, **autocorrelation** or a phase only correlation, ...

[www.freepatentsonline.com/20060204031.html](http://www.freepatentsonline.com/20060204031.html) - 98k - [Cached](#) - [Similar pages](#)

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[\[PS\] Chapter 3 Using PN Sequences for Linear Watermarking](#)

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the near-ideal mutual **cross-correlation** between members in a family of arrays as described ... the idea and refers to the public **watermark detection** idea as ...

[goanna.cs.rmit.edu.au/~ronvs/papers/PhD/ch3.ps.gz](http://goanna.cs.rmit.edu.au/~ronvs/papers/PhD/ch3.ps.gz) - [Similar pages](#)

[\[PDF\] Multimedia watermarking techniques - Proceedings of the IEEE](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

recover the watermark, the **autocorrelation** function has to. be computed. ... As in most schemes, **watermark detection** is performed by ...

[www-nt.e-technik.uni-erlangen.de/~hartung/ProcIEEEHartungKutter.pdf](http://www-nt.e-technik.uni-erlangen.de/~hartung/ProcIEEEHartungKutter.pdf) - [Similar pages](#)

[\[PDF\] Multimedia Security Digital Video Watermarking](#)

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identify the watermark by using spatial **cross correlation** function of the modified ... very desirable **autocorrelation** and randomness properties. ...

[appsrv.cse.cuhk.edu.hk/~pwchan/mphil/term\\_paper\\_1.pdf](http://appsrv.cse.cuhk.edu.hk/~pwchan/mphil/term_paper_1.pdf) - [Similar pages](#)

[\[PDF\] Digital Video Watermarking Techniques for Secure Multimedia ...](#)

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**watermark detection** as the video usually is in very large size and it is ... identify the watermark by using spatial **cross correlation** function of the ...

[appsrv.cse.cuhk.edu.hk/~pwchan/mphil/sem2.pdf](http://appsrv.cse.cuhk.edu.hk/~pwchan/mphil/sem2.pdf) - [Similar pages](#)

[Digital watermark embedding apparatus and digital watermark ...](#)

A digital **watermark detection** apparatus to detect watermark information from an ...

embedded with watermark information to **autocorrelation** calculation; ...

[www.freshpatents.com/Digital-watermark-embedding-apparatus-and-digital-watermark-detection-apparatus-dt20...](http://www.freshpatents.com/Digital-watermark-embedding-apparatus-and-digital-watermark-detection-apparatus-dt20...) - 26k - [Supplemental Result](#) - [Cached](#) - [Similar pages](#)

[Digital watermark embedding method and apparatus, and digital watermark ...](#)

A digital **watermark detection** method comprising: extracting a specific **frequency component** signal from an input image signal in which watermark information ...

[www.patentgenius.com/patent/6741723.html](http://www.patentgenius.com/patent/6741723.html) - 91k - [Supplemental Result](#) -

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[\[PDF\] Conference Guide May 14 - 19, 2006 Toulouse, France](#)

File Format: PDF/Adobe Acrobat

**WATERMARK DETECTION.** Bertrand Chupeau, Lionel Oisel, Pierrick Jouet, Thomson ...

**FREQUENCY COMPONENT RESTORATION FOR MUSIC SOUNDS USING A MARKOV RANDOM ...**

[www.icassp2006.org/ICASSP2006\\_Guide.pdf](http://www.icassp2006.org/ICASSP2006_Guide.pdf) - [Similar pages](#)

[PDF] [Real-time Watermarking Techniques for Compressed Video Data](#)

File Format: PDF/Adobe Acrobat

techniques for **watermark detection**, the correlation-based techniques are ... using exhaustive search and **cross-correlation** techniques, resulting in a scale ...

[www-it.et.tudelft.nl/~inald/pubs/Watermarking/WatermarkingofImagesandVideo.pdf](http://www-it.et.tudelft.nl/~inald/pubs/Watermarking/WatermarkingofImagesandVideo.pdf) -

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[PDF] [Université University of Ottawa](#)

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The discrete-time periodic **autocorrelation** function is given by, ... O) in the **watermark detection** test for the secret key used, by the true owner. ...

[www.collectionscanada.ca/obj/s4/f2/dsk1/tape8/PQDD\\_0006/MQ46574.pdf](http://www.collectionscanada.ca/obj/s4/f2/dsk1/tape8/PQDD_0006/MQ46574.pdf) - [Similar pages](#)

[PDF] [iii ROBUST WATERMARKING OF IMAGES A THESIS SUBMITTED TO THE ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

3.13 Diagram of a generic **watermark detection** process [41]..... 42 ... belongs to the **autocorrelation** trace of the reference sequence..... 43 ...

[etd.lib.metu.edu.tr/upload/1091917/index.pdf](http://etd.lib.metu.edu.tr/upload/1091917/index.pdf) - [Supplemental Result](#) - [Similar pages](#)

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**Inventor Name Search Result**

Your Search was:

Last Name = ASANO

First Name = WATARU

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10179985	6989868	150	06/26/2002	METHOD OF CONVERTING FORMAT OF ENCODED VIDEO DATA AND APPARATUS THEREFOR	ASANO, WATARU
10626610	Not Issued	30	07/25/2003	Digital watermark detection method and apparatus	ASANO, WATARU
10649830	Not Issued	30	08/28/2003	Digital watermark embedding apparatus and digital watermark detecting apparatus	ASANO, WATARU
10661697	Not Issued	93	09/15/2003	PICTURE ENCODING METHOD AND APPARATUS AND PICTURE DECODING METHOD AND APPARATUS	ASANO, WATARU
10665001	Not Issued	41	09/22/2003	Video encoding method and apparatus and video decoding method and apparatus	ASANO, WATARU
10755235	Not Issued	30	01/13/2004	Computer system and method for controlling output of reproduced video data	ASANO, WATARU
10808279	Not Issued	30	03/25/2004	Digital watermark detection method and apparatus	ASANO, WATARU
11114115	Not Issued	30	04/26/2005	Video encoding method and apparatus	ASANO, WATARU
11176755	Not Issued	30	07/08/2005	Moving picture coding apparatus and computer program product	ASANO, WATARU
11211720	Not Issued	30	08/26/2005	Apparatus and method for coding moving picture	ASANO, WATARU
11252244	Not Issued	30	10/18/2005	Motion vector detection method and device of the same	ASANO, WATARU
11272481	Not Issued	25	11/14/2005	Video image encoding method, video image encoder, and video image encoding program	ASANO, WATARU
11322217	Not Issued	25	01/03/2006	Coded video sequence conversion apparatus, method and program product for coded video sequence conversion	ASANO, WATARU

<u>11384389</u>	Not Issued	30	03/21/2006	Motion picture encoding method and device	ASANO, WATARU
<u>11411032</u>	Not Issued	25	04/26/2006	Dynamic image encoding device and method	ASANO, WATARU
<u>11527469</u>	Not Issued	25	09/27/2006	Video encoding method and apparatus and video decoding method and apparatus	ASANO, WATARU
<u>11527470</u>	Not Issued	25	09/27/2006	Video encoding method and apparatus and video decoding method and apparatus	ASANO, WATARU
<u>11527471</u>	Not Issued	25	09/27/2006	Video encoding method and apparatus and video decoding method and apparatus	ASANO, WATARU
<u>11527557</u>	Not Issued	25	09/27/2006	Video encoding method and apparatus and video decoding method and apparatus	ASANO, WATARU
<u>11527612</u>	Not Issued	25	09/27/2006	Video encoding method and apparatus and video decoding method and apparatus	ASANO, WATARU
<u>11527702</u>	Not Issued	25	09/27/2006	Video encoding method and apparatus and video decoding method and apparatus	ASANO, WATARU
<u>11535796</u>	Not Issued	25	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	ASANO, WATARU
<u>11535856</u>	Not Issued	20	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	ASANO, WATARU
<u>11535862</u>	Not Issued	25	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	ASANO, WATARU
<u>11535894</u>	Not Issued	20	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	ASANO, WATARU
<u>11535906</u>	Not Issued	20	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	ASANO, WATARU
<u>11535908</u>	Not Issued	25	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	ASANO, WATARU
<u>11535922</u>	Not Issued	25	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD	ASANO, WATARU

				AND APPARATUS	
11535925	Not Issued	160	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	ASANO, WATARU

Inventor Search Completed: No Records to Display.

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Day : Monday  
 Date: 1/1/2007  
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**Inventor Name Search Result**

Your Search was:

Last Name = KOTO

First Name = SHINICHIRO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09144985</a>	6314139	150	09/01/1998	METHOD OF INSERTING EDITABLE POINT AND ENCODER APPARATUS APPLYING THE SAME	KOTO, SHINICHIRO
<a href="#">09271431</a>	6463101	150	03/18/1999	VIDEO ENCODING METHOD AND APPARATUS	KOTO, SHINICHIRO
<a href="#">09372145</a>	6671376	150	08/11/1999	VIDEO SCRAMBLE / DESCRAMBLE APPARATUS	KOTO, SHINICHIRO
<a href="#">09814717</a>	6750917	150	03/23/2001	DEVICE INTERCONNECT SYSTEM USING ANALOG LINE	KOTO, SHINICHIRO
<a href="#">09944082</a>	6801669	150	09/04/2001	IMAGE FILTER PROCESSING APPARATUS AND METHOD	KOTO, SHINICHIRO
<a href="#">10183516</a>	7075982	150	06/28/2002	VIDEO ENCODING METHOD AND APPARATUS	KOTO, SHINICHIRO
<a href="#">10305192</a>	7123744	150	11/27/2002	DIGITAL WATERMARK EMBEDDING METHOD, DIGITAL WATERMARK EMBEDDING APPARATUS, DIGITAL WATERMARK DETECTING METHOD, AND DIGITAL WATERMARK DETECTING APPARATUS	KOTO, SHINICHIRO
<a href="#">10327072</a>	6741723	150	12/24/2002	DIGITAL WATERMARK EMBEDDING METHOD AND APPARATUS, AND DIGITAL WATERMARK	KOTO, SHINICHIRO
<a href="#">10396437</a>	Not Issued	41	03/26/2003	Video encoding method and apparatus, and video decoding method and apparatus	KOTO, SHINICHIRO
<a href="#">10409068</a>	Not Issued	41	04/09/2003	Video encoding method and apparatus and video decoding method and apparatus	KOTO, SHINICHIRO
<a href="#">10460412</a>	Not Issued	41	06/13/2003	Video encoding/decoding method and apparatus	KOTO, SHINICHIRO
<a href="#">10626610</a>	Not Issued	30	07/25/2003	Digital watermark detection method and apparatus	KOTO, SHINICHIRO

<u>10649830</u>	Not Issued	30	08/28/2003	Digital watermark embedding apparatus and digital watermark detecting apparatus	KOTO, SHINICHIRO
<u>10657276</u>	Not Issued	95	09/09/2003	VIDEO ENCODING METHOD AND VIDEO DECODING METHOD	KOTO, SHINICHIRO
<u>10661697</u>	Not Issued	93	09/15/2003	PICTURE ENCODING METHOD AND APPARATUS AND PICTURE DECODING METHOD AND APPARATUS	KOTO, SHINICHIRO
<u>10665001</u>	Not Issued	41	09/22/2003	Video encoding method and apparatus and video decoding method and apparatus	KOTO, SHINICHIRO
<u>10715404</u>	6812864	150	11/19/2003	VIDEO SCRAMBLE/DESCRAMBLE APPARATUS	KOTO, SHINICHIRO
<u>10715406</u>	7072470	150	11/19/2003	VIDEO SCRAMBLE/DESCRAMBLE APPARATUS	KOTO, SHINICHIRO
<u>10754535</u>	Not Issued	30	01/12/2004	Video encoding/decoding method and apparatus	KOTO, SHINICHIRO
<u>10808279</u>	Not Issued	30	03/25/2004	Digital watermark detection method and apparatus	KOTO, SHINICHIRO
<u>10815868</u>	6952486	150	04/02/2004	DIGITAL WATERMARK EMBEDDING METHOD AND APPARATUS, AND DIGITAL WATERMARK	KOTO, SHINICHIRO
<u>10896890</u>	Not Issued	30	07/23/2004	Video encoding/decoding method and apparatus	KOTO, SHINICHIRO
<u>10912180</u>	7085427	150	08/06/2004	IMAGE FILTER PROCESSING APPARATUS AND METHOD	KOTO, SHINICHIRO
<u>10940632</u>	6903666	150	09/15/2004	VIDEO SCRAMBLE/DESCRAMBLE APPARATUS	KOTO, SHINICHIRO
<u>10991379</u>	Not Issued	30	11/19/2004	Apparatus for and method of coding moving picture	KOTO, SHINICHIRO
<u>11016803</u>	Not Issued	30	12/21/2004	Moving picture coding method and moving picture coding apparatus	KOTO, SHINICHIRO
<u>11114115</u>	Not Issued	30	04/26/2005	Video encoding method and apparatus	KOTO, SHINICHIRO
<u>11176755</u>	Not Issued	30	07/08/2005	Moving picture coding apparatus and computer program product	KOTO, SHINICHIRO
<u>11211720</u>	Not Issued	30	08/26/2005	Apparatus and method for coding moving picture	KOTO, SHINICHIRO
<u>11218658</u>	Not Issued	25	09/06/2005	Moving picture coding apparatus and coded moving picture editing apparatus generating moving picture data renderable at plural	KOTO, SHINICHIRO

				frame rates	
<u>11268721</u>	Not Issued	30	11/08/2005	Variable-length coding device and method of the same	KOTO, SHINICHIRO
<u>11272481</u>	Not Issued	25	11/14/2005	Video image encoding method, video image encoder, and video image encoding program	KOTO, SHINICHIRO
<u>11322217</u>	Not Issued	25	01/03/2006	Coded video sequence conversion apparatus, method and program product for coded video sequence conversion	KOTO, SHINICHIRO
<u>11340598</u>	Not Issued	25	01/27/2006	Information storage medium, method and apparatus for reproducing information from the information storage medium and a recording apparatus and recording method for recording video data on the information storage medium	KOTO, SHINICHIRO
<u>11384389</u>	Not Issued	30	03/21/2006	Motion picture encoding method and device	KOTO, SHINICHIRO
<u>11387758</u>	Not Issued	30	03/24/2006	Recompression method and apparatus for video data	KOTO, SHINICHIRO
<u>11411032</u>	Not Issued	25	04/26/2006	Dynamic image encoding device and method	KOTO, SHINICHIRO
<u>11527469</u>	Not Issued	25	09/27/2006	Video encoding method and apparatus and video decoding method and apparatus	KOTO, SHINICHIRO
<u>11527470</u>	Not Issued	25	09/27/2006	Video encoding method and apparatus and video decoding method and apparatus	KOTO, SHINICHIRO
<u>11527471</u>	Not Issued	25	09/27/2006	Video encoding method and apparatus and video decoding method and apparatus	KOTO, SHINICHIRO
<u>11527557</u>	Not Issued	25	09/27/2006	Video encoding method and apparatus and video decoding method and apparatus	KOTO, SHINICHIRO
<u>11527612</u>	Not Issued	25	09/27/2006	Video encoding method and apparatus and video decoding method and apparatus	KOTO, SHINICHIRO
<u>11527702</u>	Not Issued	25	09/27/2006	Video encoding method and apparatus and video decoding method and apparatus	KOTO, SHINICHIRO
<u>11535796</u>	Not Issued	25	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	KOTO, SHINICHIRO
<u>11535821</u>	Not Issued	19	01/01/0001	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND	KOTO, SHINICHIRO

				APPARATUS	
<a href="#"><u>11535856</u></a>	Not Issued	20	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	KOTO, SHINICHIRO
<a href="#"><u>11535862</u></a>	Not Issued	25	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	KOTO, SHINICHIRO
<a href="#"><u>11535894</u></a>	Not Issued	20	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	KOTO, SHINICHIRO
<a href="#"><u>11535906</u></a>	Not Issued	20	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	KOTO, SHINICHIRO
<a href="#"><u>11535908</u></a>	Not Issued	25	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	KOTO, SHINICHIRO

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**Inventor Name Search Result**

Your Search was:

Last Name = KOTO

First Name = SHINICHIRO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">11535922</a>	Not Issued	25	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	KOTO, SHINICHIRO
<a href="#">11535925</a>	Not Issued	160	09/27/2006	VIDEO ENCODING METHOD AND APPARATUS AND VIDEO DECODING METHOD AND APPARATUS	KOTO, SHINICHIRO

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**Inventor Name Search Result**

Your Search was:

Last Name = YAMAKAGE

First Name = TOMOO

<b>Application#</b>	<b>Patent#</b>	<b>Status</b>	<b>Date Filed</b>	<b>Title</b>	<b>Inventor Name</b>
<u>07890705</u>	5317397	150	05/29/1992	PREDICTIVE CODING USING SPATIAL-TEMPORAL FILTERING AND PLURAL MOTION VECTORS	YAMAKAGE, TOMOO
<u>07935872</u>	5313203	150	08/26/1992	CODING APPARATUS AND METHOD FOR CODING INFORMATION SYMBOL STRINGS BY ASSIGNING FIXED LENGTH CODES THERETO	YAMAKAGE, TOMOO
<u>07969351</u>	5398078	150	10/30/1992	A METHOD OF DETECTING A MOTION VECTOR IN AN IMAGE CODING APPARATUS	YAMAKAGE, TOMOO
<u>08156709</u>	5424779	150	11/24/1993	VIDEO CODING APPARATUS	YAMAKAGE, TOMOO
<u>08197862</u>	5467136	150	02/17/1994	VIDEO DECODER FOR DETERMINING A MOTION VECTOR FROM A SCALED VECTOR AND A DIFFERENCE VECTOR	YAMAKAGE, TOMOO
<u>08295421</u>	5541661	150	08/25/1994	VIDEO CODING APPARATUS WHICH FORMS AN OPTIMUM PREDICTION SIGNAL WHICH IS DESIGNATED A SET OF MOTION VECTORS OF SEPARATE REFERENCE PICTURES	YAMAKAGE, TOMOO
<u>08296799</u>	Not Issued	166	08/26/1994	SYSTEM FOR DECODING MOVING PICTURE SIGNAL MULTIPLIED AND CODED BY DCT COEFFICIENT AND ADDITIONAL DATA	YAMAKAGE, TOMOO
<u>08430366</u>	5647049	150	04/28/1995	VIDEO RECORDING/REPRODUCING APPARATUS WHICH USES A DIFFERENTIAL MOTION VECTOR DETERMINED USING TWO OTHER MOTION VECTORS	YAMAKAGE, TOMOO

<u>08466766</u>	5623424	150	06/06/1995	RATE-CONTROLLED DIGITAL VIDEO EDITING METHOD AND SYSTEM WHICH CONTROLS BIT ALLOCATION OF A VIDEO ENCODER BY VARYING QUANTIZATION LEVELS	YAMAKAGE, TOMOO
<u>08508134</u>	6108040	150	07/27/1995	MOTION VECTOR DETECTING METHOD AND SYSTEM FOR MOTION COMPENSATING PREDICTIVE CODER	YAMAKAGE, TOMOO
<u>08626922</u>	5754231	150	04/03/1996	BIT ALLOCATION FOR MOTION VIDEO COMPRESSION	YAMAKAGE, TOMOO
<u>08626969</u>	5742344	150	04/03/1996	MOTION COMPENSATED VIDEO DECODING METHOD AND SYSTEM FOR DECODING A CODED VIDEO SIGNAL USING SPATIAL AND TEMPORAL FILTERING	YAMAKAGE, TOMOO
<u>08683103</u>	5872597	150	07/16/1996	SYSTEM FOR DECODING MOVING PICTURE SIGNAL MULTIPLIED AND CODED BY DCT COEFFICIENT AND ADDITIONAL DATA	YAMAKAGE, TOMOO
<u>09054403</u>	6016162	150	04/03/1998	VIDEO CODING APPARATUS	YAMAKAGE, TOMOO
<u>09095712</u>	5986713	150	06/11/1998	VIDEO CODING APPARATUS USING INTER-FIELD PREDICTION	YAMAKAGE, TOMOO
<u>09095722</u>	6005627	150	06/11/1998	VIDEO CODING APPARATUS	YAMAKAGE, TOMOO
<u>09973116</u>	Not Issued	160	10/10/2001	Video coding apparatus using interfield prediction	YAMAKAGE, TOMOO
<u>10102712</u>	6827257	150	03/22/2002	METHOD AND APPARATUS FOR RECORDING CONTENT CONTAINING WATERMARK	YAMAKAGE, TOMOO
<u>10247647</u>	Not Issued	71	09/20/2002	Rendering device, recording device, copy control method, and program	YAMAKAGE, TOMOO
<u>10305192</u>	7123744	150	11/27/2002	DIGITAL WATERMARK EMBEDDING METHOD, DIGITAL WATERMARK EMBEDDING APPARATUS, DIGITAL WATERMARK DETECTING METHOD, AND DIGITAL WATERMARK DETECTING APPARATUS	YAMAKAGE, TOMOO
<u>10327072</u>	6741723	150	12/24/2002	DIGITAL WATERMARK EMBEDDING METHOD AND APPARATUS, AND DIGITAL WATERMARK	YAMAKAGE, TOMOO

<a href="#"><u>10424845</u></a>	Not Issued	41	04/29/2003	Rendering device, copy control method and program	YAMAKAGE, TOMOO
<a href="#"><u>10626610</u></a>	Not Issued	30	07/25/2003	Digital watermark detection method and apparatus	YAMAKAGE, TOMOO
<a href="#"><u>10649830</u></a>	Not Issued	30	08/28/2003	Digital watermark embedding apparatus and digital watermark detecting apparatus	YAMAKAGE, TOMOO
<a href="#"><u>10755235</u></a>	Not Issued	30	01/13/2004	Computer system and method for controlling output of reproduced video data	YAMAKAGE, TOMOO
<a href="#"><u>10808279</u></a>	Not Issued	30	03/25/2004	Digital watermark detection method and apparatus	YAMAKAGE, TOMOO
<a href="#"><u>10815868</u></a>	6952486	150	04/02/2004	DIGITAL WATERMARK EMBEDDING METHOD AND APPARATUS, AND DIGITAL WATERMARK	YAMAKAGE, TOMOO
<a href="#"><u>10911544</u></a>	6945455	150	08/05/2004	METHOD AND APPARATUS FOR RECORDING CONTENT CONTAINING WATERMARK	YAMAKAGE, TOMOO
<a href="#"><u>11218658</u></a>	Not Issued	25	09/06/2005	Moving picture coding apparatus and coded moving picture editing apparatus generating moving picture data renderable at plural frame rates	YAMAKAGE, TOMOO
<a href="#"><u>11337806</u></a>	Not Issued	30	01/24/2006	Digital watermark detecting device and method thereof	YAMAKAGE, TOMOO
<a href="#"><u>11340598</u></a>	Not Issued	25	01/27/2006	Information storage medium, method and apparatus for reproducing information from the information storage medium and a recording apparatus and recording method for recording video data on the information storage medium	YAMAKAGE, TOMOO
<a href="#"><u>11357427</u></a>	Not Issued	25	02/21/2006	Digital watermark embedding apparatus and digital watermark detection apparatus	YAMAKAGE, TOMOO
<a href="#"><u>11467804</u></a>	Not Issued	25	08/28/2006	DIGITAL WATERMARK DETECTION METHOD AND APPARATUS	YAMAKAGE, TOMOO

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